What is claimed is:

1. A work form-measuring method comprising the steps of:

placing a work on a waiting position after the work has been machined by a machining tool; and

bringing a probe of a coordinate-measuring machine close to said work and then measuring the forms and dimensions of said work, said coordinate-measuring machine being arranged in the vicinity of said machining tool.

2. A work form-measuring method as claimed in claim 1, wherein the direction of said probe of said coordinate-measuring machine moving to said work is the same as that of a tool of said machining tool moving to said work.

3. A work form-measuring method as claimed in claim 2, wherein said direction of said tool of said machining tool moving to said work and that of said probe of said coordinate-measuring machine moving to said work both are

~~horizontal.~~

4. A work form-measuring method as claimed in claim 1, wherein said coordinate-measuring machine is capable of taking refuge to such a position as that said coordinate-measuring machine does not prevent said work from moving.

5. A work form-measuring apparatus comprising:

a changer for moving a work between a waiting position and a machining position at an inlet of a machining tool; and

a coordinate-measuring machine for bringing a probe thereof close to said work, having machined by said machining tool, placed on said waiting position, to ~~thereby measure the forms and dimensions of said work.~~

6. A work form-measuring apparatus as claimed in claim 5, further comprising refuge means for causing said

coordinate-measuring machine to take refuge to such a position as that said coordinate-measuring machine does not prevent said work from moving.

7. A work form-measuring apparatus as claimed in claim 6, wherein said refuge means is adapted to cause said coordinate-measuring machine to take refuge in a linear ~~motion manner.~~

8. A work form-measuring apparatus as claimed in claim 6, wherein said refuge means is adapted to cause said coordinate-measuring machine to take refuge in a ~~rotational motion manner.~~

9. A work form-measuring apparatus as claimed in claim 5, wherein said machining tool and said coordinate-measuring machine ~~are adapted to~~ mutually exchange a measurement enabling signal and a measurement completion

signal, both of which are related to the movement of said work by said changer.

10. A work form-measuring apparatus as claimed in claim 9, wherein said coordinate-measuring machine leaves a refuge position after having received a signal of informing a change movement completion, from said machining tool, and said changer starts moving said work after having received a signal of informing a coordinate-measuring machine refuge completion.

11. A work form-measuring apparatus as claimed in claim 5, further comprising rotating means for rotating the work which is placed on a measuring position.

12. A coordinate-measuring machine disposed in the vicinity of a machining tool for getting a probe thereof ~~close to a work, having machined by said machining tool~~,

Sub a5

placed on a waiting position, to thereby measure the ~~forms and dimensions of said work.~~